

## BPW – Bristlecone Pine / Arizona Fescue Woodland (Map Unit 5)



Photo credit: Jim Von Loh



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The Bristlecone Pine / Arizona Fescue Woodland (BPW, Map Unit 5) represents the *Pinus aristata* / *Festuca arizonica* (Bristlecone Pine / Arizona Fescue) Woodland Association.

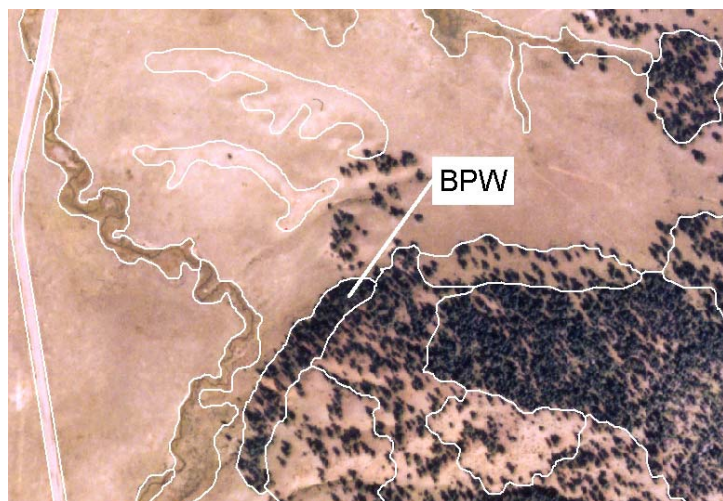
This woodland occurs as only two stands, one on the northwest-facing slope of Fossil Stump Hill and the other on the northwest-facing slope of the large hill east of the Visitor's Center. A small clump (8 to 10 individuals) is present on the downstream portion of a livestock pond and dam, just south of Lower Twin Rocks Road. Individual trees are occasionally observed in other woodland types within the monument, primarily on the large hill east of the Visitor's Center.

These woodland stands occupy steep, erosive slopes that are at least partially composed of volcanic rock and soil weathered from volcanic rock. Stands grow from the toeslope to the slope shoulder, where they intermix with *Pinus ponderosa* / *Festuca arizonica* (Ponderosa Pine / Arizona Fescue) Woodland. The exposure is predominantly west to northwest, and the elevation is approximately 8350 feet for the two stands known in the monument.

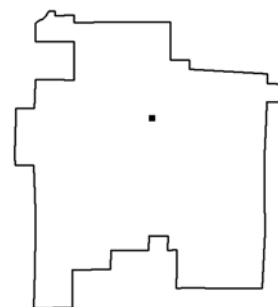
## BPW – Bristlecone Pine / Arizona Fescue Woodland (Map Unit 5) Continued

### Photo Signatures

In the natural color aerial photography, BPW appears as dark green with a coarse mottled texture. The canopy is 25-30% closed and the tree heights are 10-15 meters. The signature closely resembles the Ponderosa Pine Woodland (PPW, Map Unit 7). The stands are relatively small and are considered a Park Special, so they are mapped even if below the minimum mapping unit of 0.5 hectares. Photo BPW-1 was taken in September 1996.



**Photo BPW-1**



Location of **BPW-1** within  
National Monument

### Area Report for BPW Map Unit

Number of Polygons: 2  
Number of Hectares: 1.2  
Number of Acres: 3.0  
Average Size: 0.6 hectares, 1.5 acres

### Accuracy Assessment Results for BPW Map Unit

The Bristlecone Pine / Arizona Fescue Woodland Map Unit was assessed at 100% for producers' accuracy and at 100% users' accuracy.